

Notice of Allowability

Application No.

10/692,325

Examiner

Sarah J. Chisdes

Applicant(s)

BELOTSEKOVSKY ET AL.

Art Unit

2877

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendments filed June 2, 2005.
2. ☒ The allowed claim(s) is/are 1,3,4,8-10,12,13,15 and 17-23.
3. ☒ The drawings filed on 02 June 2005 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

Drawings

The replacement drawing sheet submitted on June 2, 2005 has been received and entered of record into the file. The corrected drawing is acceptable.

Response to Amendment

The amendments to the specification and the claims submitted on June 2, 2005 have been received and entered of record into the file. The amendments are accepted.

Allowable Subject Matter

Claims 1, 3, 4, 8-10, 12, 13, 15, and 17-23 are allowed.

The following is an examiner's statement of reasons for allowance: The prior art of record, taken alone or in combination fails to disclose a device or method for the analysis of the water content of paper wherein light is preferentially provided to a series of detectors by a series of high and/or low pass filters as recited in the combination of elements and steps of claims 1 and 10. Dahlin (US 3,641,349) measures the water content of paper at two wavelengths using two detectors, but uses a beam splitter to divide the light beam between the two detectors. With a beam splitter half of the light beam is lost at each junction. The use of high and low pass filters in the present invention allows more light at the wavelengths of interest to be passed through to successive detectors, thereby improving the sensitivity of detection. Ortyn et al. (US 6,608,682) discloses a detector system using dichroic filters to preferentially provide light to different detectors, but the light is not at a specified wavelength for determining the water content of paper. Sui et al. (US 5,995,235) discloses a detector system which uses band pass filters to preferentially provide light at specific wavelengths to different detectors, but is not concerned

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with the determination of water in paper. Hyvarinen et al. (US 6,495,831) determines the water content of paper but uses a grating spectrograph and array detectors to do so.


Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

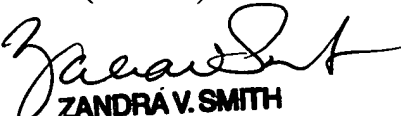
Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sarah J. Chisdes whose telephone number is 571-272-8540. The examiner can normally be reached on 9am -6:30pm Monday through Thursday and 9am-5:30pm on alternate Fridays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gregory J. Toatley Jr. can be reached on 571-272-2800 ext. 77. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


S.J. Chisdes, Ph.D.
June 20, 2005


ZANDRA V. SMITH
PRIMARY EXAMINER